Programming the WiFi Adapter to work with the Zaon XRX and WingX Pro7

Experience Required

You need to be able to connection a laptop to a WiFi Network, open a Command Prompt (Windows or Mac), run a telnet command, type in commands. If you do not feel comfortable doing this, please contact Zaon for assistance.

Hardware Required

- Zaon XRX
- WiFi Adapter (from serialio.com for example)
- Laptop or Desktop capable of connecting to a WiFi Network (e.g. your home network)

Instructions

1. Plug the WiFi Adapter into the Zaon XRX and turn on the Zaon XRX. After a few seconds you should see lights (on and flashing) on the WiFi adapter.
2. Connect your laptop to the WiFi Adapter's WiFi Network (e.g. WiFly or WiSnap)
3. Wait about 30 seconds for the handshaking to occur. You can verify the connection setup is complete by tapping on the arrow next to the WiFi Network name. When the connection setup is complete, you will see an IP Address such as 192.168.23.45.
4. Open a Command Prompt (Windows) or Terminal (Mac)
5. Do a "telnet 2000". You should see data being displayed about once per second.
6. Type $$$, you will enter Command Mode. After entering each command below (without the quotes), hit enter, you should see AOK.
7. Type "set wlan join 4"
8. Type "set wlan channel 1"
9. Type "set ip address 169.254.1.5"
10. Type "set ip netmask 255.255.0.0"
11. Type "set ip dhcp 0"
12. Type "set ip proto 3"
13. Type "set ip host 169.254.255.255"
14. Type "set ip remote 9744"
15. Type "set comm size 22"
16. Type "set uart b 57600"
17. Type "save"
18. Type "reboot "
19. Quit the telnet session
    a. If you do not, WingX Pro7 will not be able to receive data from the WiFi Adapter.

That should get it working.